

Title (en)  
2-(3,5-Dialkyl-4-hydroxyphenyl)indole derivatives.

Title (de)  
2-(3,5-Dialkyl-4-hydroxyphenyl)-indolderivate.

Title (fr)  
Dérivés du (dialkyl-3,5 hydroxy-4 phényl)-2 indole.

Publication  
**EP 0173279 A1 19860305 (EN)**

Application  
**EP 85110682 A 19850826**

Priority  
JP 18065684 A 19840831

Abstract (en)  
A compound represented by the formulawherein R, represents a lower alkyl group; each of R<sub>2</sub> and R<sub>3</sub> represents an alkyl group having 1 to 3 carbon atoms; and each of R<sub>4</sub>, R<sub>5</sub> and R<sub>6</sub> represents a hydrogen atom, a halogen atom, a lower alkyl group, a lower alkoxy group, a lower alkanoyloxy group, an aralkyloxy group, a lower alkylthio group, a lower haloalkyl group, a hydroxyl group, a cyano group, a nitro group, an amino group, a mono- or di-(lower alkyl or aralkyl)amino group or a group of the formulaorin which R<sub>7</sub> represents a lower alkylene group having at least 2 carbon atoms, one of R<sub>8</sub> and R<sub>s</sub> represents a hydrogen atom or a lower alkyl group and the other represents a lower alkyl group, and R<sub>10</sub> represents a hydrogen atom or a lower alkyl group; or any two of R<sub>4</sub>, R<sub>5</sub> and R<sub>6</sub> which are adjacent to each other, together, represent a lower alkylenedioxy group, and a salt thereof; and a process for production thereof. This compound has 5-lipoxygenase inhibiting activity and is useful as a medicament.

IPC 1-7  
**C07D 209/12**; **C07D 491/056**; **A61K 31/40**

IPC 8 full level  
**A61K 31/40** (2006.01); **A61K 31/403** (2006.01); **A61K 31/404** (2006.01); **A61P 37/08** (2006.01); **A61P 43/00** (2006.01); **C07D 209/12** (2006.01); **C07D 491/04** (2006.01); **C07D 491/056** (2006.01)

CPC (source: EP KR US)  
**A61P 37/08** (2017.12 - EP); **A61P 43/00** (2017.12 - EP); **C07D 209/12** (2013.01 - EP KR US); **C07D 491/04** (2013.01 - EP US)

Citation (search report)

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- CHEMICAL & PHARMACEUTICAL BULLETIN, vol. 31, no. 9, September 1983, Pharmaceutical Society of Japan YASUO ISOMURA et al. "Studies on the Synthesis and Anti-Inflammatory Activity of 2,6- Di-tert-BUTYLPHENOLS WITH A Heterocyclic Group at the 4-Position", pages 3168-3178; pages 3168-3170, 3174,3177.

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**EP 0173279 A1 19860305**; **EP 0173279 B1 19890823**; AT E45730 T1 19890915; AU 4682985 A 19860306; AU 575197 B2 19880721; CA 1247626 A 19881228; DE 3572480 D1 19890928; ES 546602 A0 19861116; ES 8701156 A1 19861116; IN 162048 B 19880319; JP H0466232 B2 19921022; JP S6160648 A 19860328; KR 870002069 A 19870328; KR 900006428 B1 19900831; NZ 213222 A 19890329; US 4695581 A 19870922

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